

Maths Lessons – Week 9 – Addition & Subtraction

This pack includes your 3 maths lessons for the week. The pack includes:

- ✓ 3 maths lessons
- ✓ worksheets

Read through the document carefully as it will give you instructions on what to do. Your work this week is a refresher on addition and subtraction.

You should be all good with this but be careful to start from the right hand side and don't forget to carry!

Lesson 3 will involve reading all the questions carefully – picking the correct operation and using your reasoning skills!

Lesson 1 - Addition & Subtraction

Adding 4-Digit Numbers with Carrying

LO: I can add 4-digit numbers with carrying.

$$\begin{array}{r} 1 \quad 4078 \\ + 7806 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 3020 \\ + 7033 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 8389 \\ + 2094 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 1938 \\ + 8398 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 8784 \\ + 9969 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 8580 \\ + 1887 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 9771 \\ + 8489 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 5602 \\ + 9250 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 2851 \\ + 2330 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 8976 \\ + 7249 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 6942 \\ + 3220 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 7238 \\ + 5733 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 4265 \\ + 8270 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 8811 \\ + 2787 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 1899 \\ + 8179 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 6073 \\ + 6379 \\ \hline \\ \hline \end{array}$$

Challenge:

$$\begin{array}{r} 1 \quad 2_32 \\ + 31_ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 96_ \\ + 6_80 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 25_7 \\ + _39_ \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 8_2_ \\ + _060 \\ \hline \\ \hline \end{array}$$

Lesson 2 – Addition & Subtraction

Addition and Subtraction 4-Digit Worded Calculations

LO: I can use the correct calculation to solve problems.

1. What number is three thousand and six more than four thousand, six hundred and ninety-five?
2. Subtract 6725 from 8053.
3. How much smaller is 4237 than 5138?
4. What number is four thousand, three hundred and forty more than five thousand and seventy-six?
5. Calculate the difference between three thousand, two hundred and twelve, and two thousand and forty-six.
6. Add £23.71 to £78.46.
7. What number is 5002 less than 7001?
8. Increase £76.83 by £22.71.
9. What number is the sum of six thousand and sixty and two thousand, four hundred and thirteen?
10. Decrease 2973 by 628.
11. What is added to £45.62 to make £87.00?
12. What number is four thousand, six hundred and twelve minus nine hundred and sixty?
13. Take £6712 from £8000.
14. If I increase a number by 2097 and get 4651, what number did I start with?
15. Add together 5892 and 3015, then subtract 6719.

Challenge

Using the digits 1-8, how many different ways can the digits be arranged to make 2 numbers whose sum is 9999?

Lesson 3 - Addition & Subtraction

Q1.

Layla makes jewellery to sell at a school fair.

Each bracelet has **53** beads

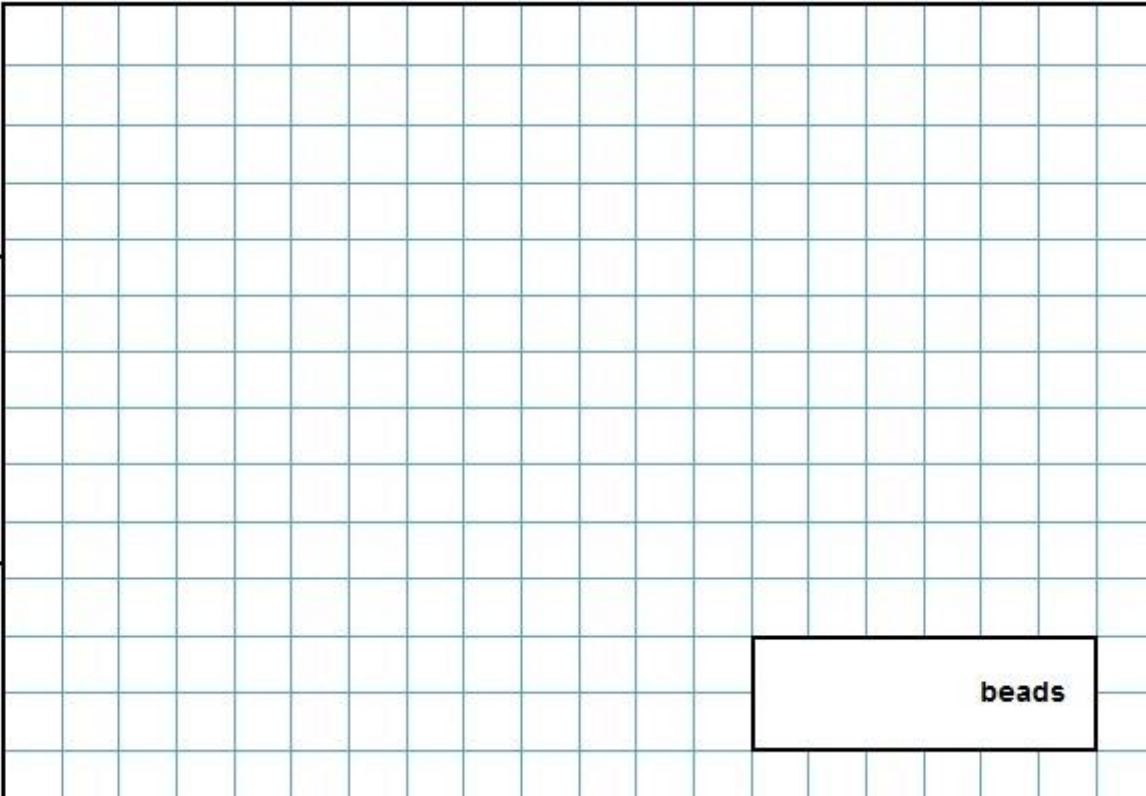
She makes **68** bracelets.



Each necklace has **105** beads.

She makes **34** necklaces.

How many beads does Layla use **altogether**?



Show your method

beads

3 marks

Q2.

Write the three missing digits to make this **addition** correct.

$$\begin{array}{r} \boxed{5} \boxed{3} \boxed{2} \boxed{} \boxed{9} \\ + \quad \boxed{7} \boxed{4} \boxed{2} \boxed{} \\ \hline \boxed{} \boxed{0} \boxed{6} \boxed{7} \boxed{6} \end{array}$$

2 marks

Q3.

A **square** number and a **prime** number have a total of 22

What are the two numbers?

$$\boxed{} + \boxed{} = 22$$

square number prime number

1 mark

Q4.

Circle two numbers that add together to equal **0.25**

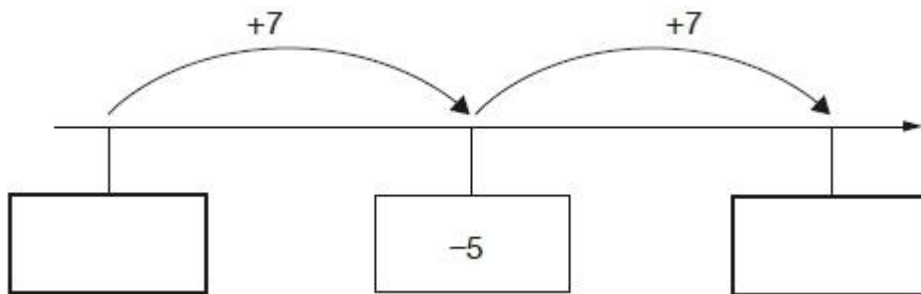
0.05 0.23 0.2 0.5

1 mark

Q5.

Here is part of a number line.

Write the missing numbers in the boxes.



2 marks

Q6.

Two decimal numbers add together to equal 1

One of the numbers is 0.007

What is the other number?

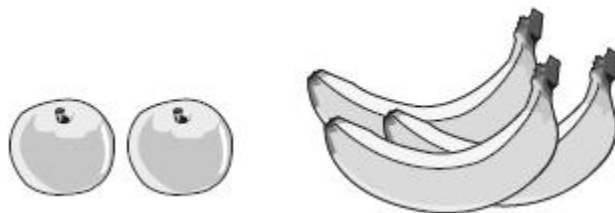
1 mark

Q7.

A shop sells fruit.

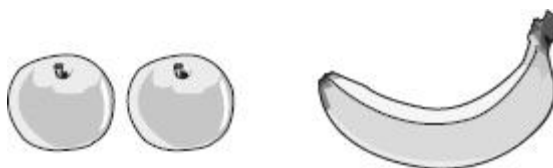
Chen buys 2 apples and 3 bananas.

He pays £2.35



Megan buys 2 apples and 1 banana.

She pays £1.25



How much does **one** banana cost?

Show your method

£

2 marks

Q8.

Amy did a survey of what time people get up on a Sunday morning. This table shows her results for 150 people.

Time	number of people
before 7 am	13
7:00 am to 7:59 am	28
8:00 am to 8:59 am	59
9:00 am to 9:59 am	36
10 am and after	14

Look at the table.

How many people get up at **8 am or later**?

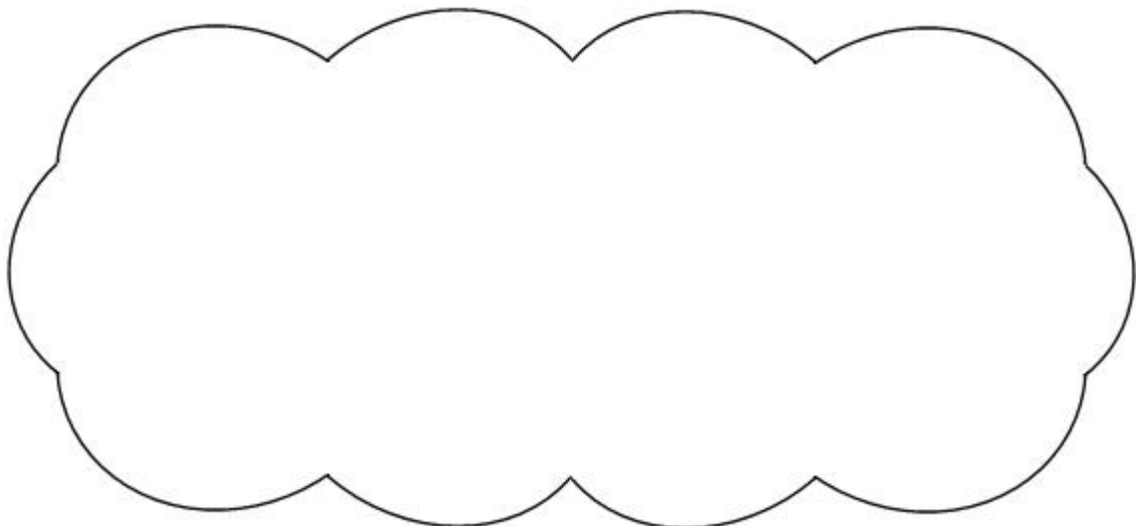
1 mark

Amy says,

'Two-thirds of the 150 people in the survey get up before 9 am.'

Amy is correct.

Explain how you know.



1 mark

Q9.

Amina posts three large letters.

The postage costs the same for each letter.

She pays with a £ 20 note.

Her change is £14.96

What is the cost of posting **one** letter?

Show
your
method

£

2 marks

Q10.

This table shows the temperature at 9 am on three days in January.

1st January	8th January	15th January
+5°C	−4°C	+1°C

What is the difference between the temperature on 1st January and the temperature on 8th January?

°C

1 mark

On 22nd January the temperature was 7 degrees lower than on 15th January.

What was the temperature on 22nd January?

°C

1 mark

Q11.

An iced cake costs 10p more than a plain cake.

Sarah bought two of each cake.



They cost £1 altogether.

What is the cost of an **iced** cake?

Diagram illustrating a solution space or grid. The grid is labeled "Show your method" on the left and "p" on the right.

2 marks

Q12.

Liam makes a sequence of numbers starting with 300

He subtracts 125 each time.

Write the next two numbers in Liam's sequence.

300 175 50

--	--

2 marks

Q13.

Sarah had a bag of cherries.



She ate 5 cherries, then gave half of what she had left to Liam.

Liam ate 5 of his cherries, then gave half of what he had left to Amy.

Amy got 2 cherries.

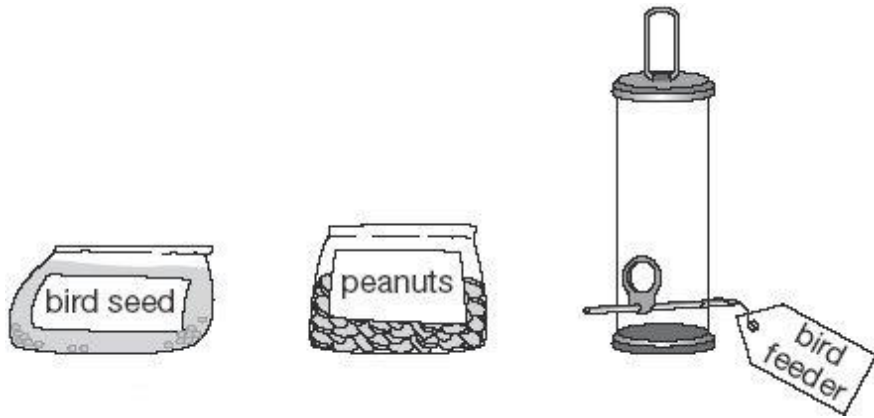
How many cherries did Sarah have in her bag at the start?

Show
your
method

2 marks

Q14.

A shop sells food for birds.



£3.79 for a bag

£1.35 for a bag

£8.95 each

Lara has £10 to spend on peanuts.

How many bags of peanuts can she get for £10?

1 mark

Amir has £20

He wants to buy a bird-feeder and 4 bags of bird seed.

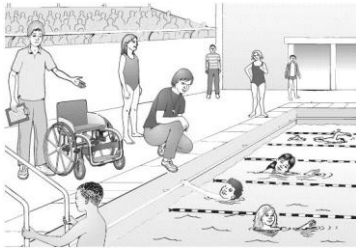
How much **more** money does he need?

Show your method

£

2 marks

Q15.



Emily, Ben and Nisha take part in a sponsored swim to collect money for charity.

Emily collects £2.75 **more** than Nisha.

Ben collects £15

Nisha collects £7 **less** than Ben.

Altogether how much money do the three children collect?

Show your method

£

2 marks

Q16.

This calculation has the **same** number missing from each box.

Write the missing number in the boxes.

$$\boxed{} \times \boxed{} - \boxed{} = 42$$

1 mark

